

FIG. 1

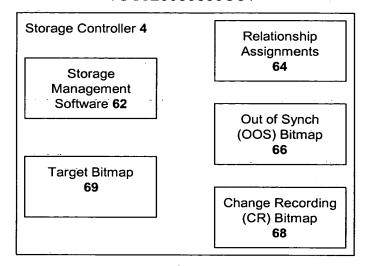


FIG. 2

80

Point in Time Relationship ID 82	Master or Slave 84	Storage Controller 86	Volume 88

FIG. 3

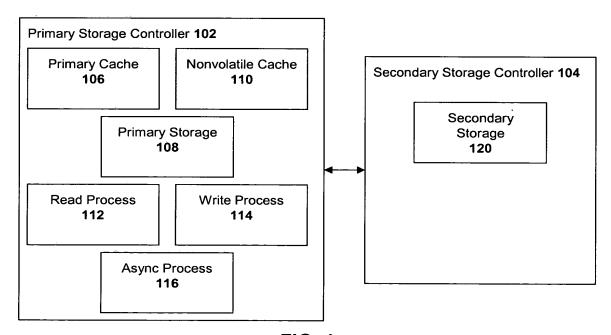
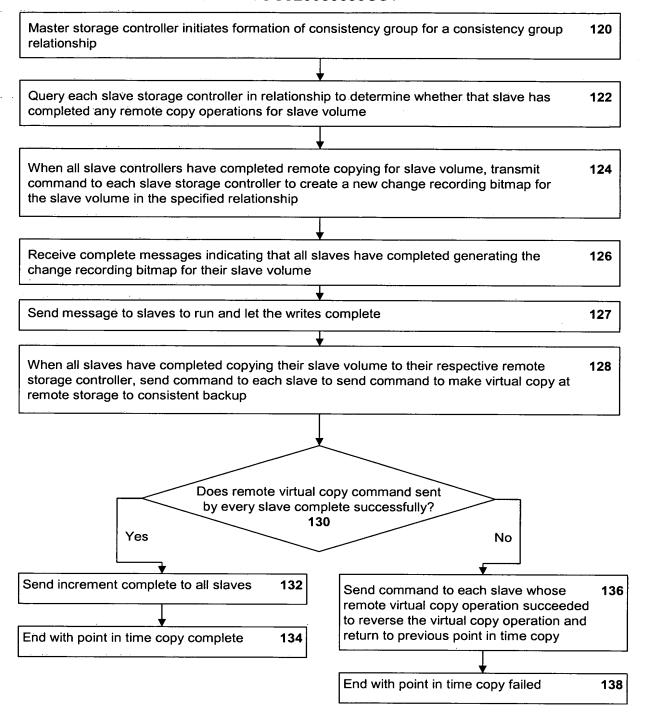


FIG. 4

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Slave storage controller receives command to create change recording bitmap for slave volume	150		
_			
Queue writes toward slave volume without returning complete	152		
<u> </u>			
Generate change recording bitmap for slave volume	154		
<u> </u>			
Send message to master that change recording bitmap is complete	155		
<u> </u>			
Receive run message run message from master to proceed with writes	157		
<u> </u>			
Allow queued writes to complete and set bit in updated track in change recording bitmap	156		
<u> </u>			
Allow further writes to slave volume to complete and indicated update to track in change recording bitmap for slave volume	158		
•			
Signal master storage controller that change recording bitmap is complete	160		
FIG. 6			
Asynchronously copy each track indicated in OOS for slave volume to remote storage controller and set bit for corresponding track in OOS to off			
<u> </u>			
Signal master storage controller when all tracks indicated in OOS coped to remote storage controller if OOS is involved in a consistency group formation			
FIG. 7			
Receive, at slave storage controller, command from master storage controller to perform virtual copy of slave volumes			
→			
Send command to remote storage controller to make virtual copy of slave volumes to consistent backup storage			
Signal master storage controller of result of remote virtual copy operation	204		
EIC 9			

FIG. 8

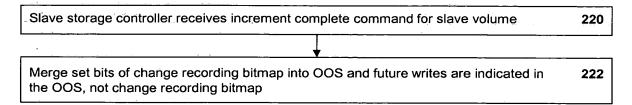


FIG. 9

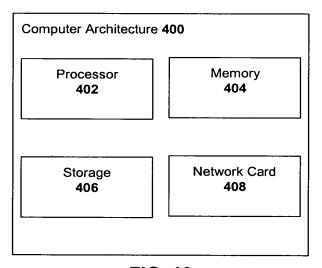


FIG. 10

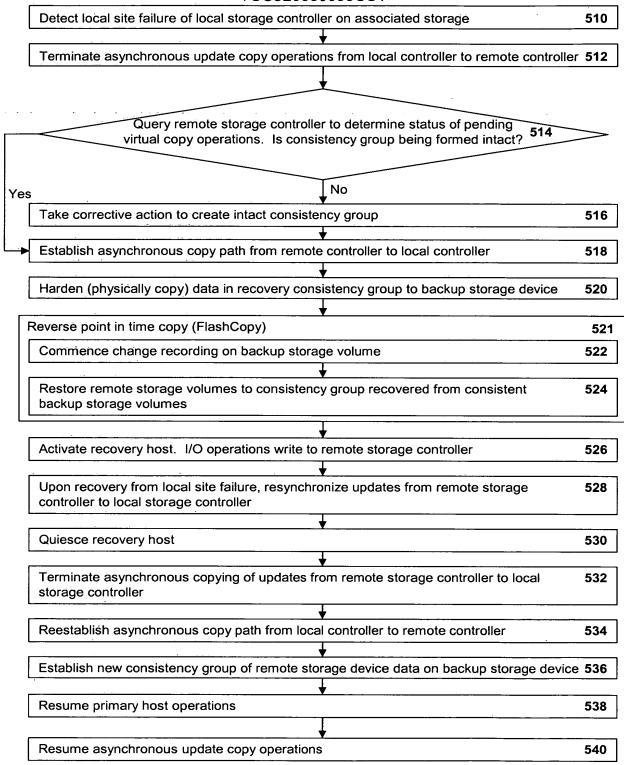


FIG. 11